

ABSTRACT

A wireless communication apparatus receives an external signal, and includes (i) a received signal level determination section for detecting a power level of the received signal and (ii) a correlation detection/determination section for detecting a correlation associated with the received signal. Moreover, the wireless communication apparatus switches between reception standby states as required, the reception standby states, including: (a) a normal operation mode in which a shift to a reception state is determined in accordance with whether or not the correlation is detected by the correlation detection/determination section; and (b) a low power consumption mode in which the shift to the reception state is determined in accordance with whether or not a received signal power level is detected by the received signal level determination section. With this, power consumption can be reduced, but a range of reception power of a signal that can be received is not narrowed. That is, the power consumption of the communication apparatus can be reduced, and the communication apparatus is allowed to receive a signal whose reception power falls within a wide range.